



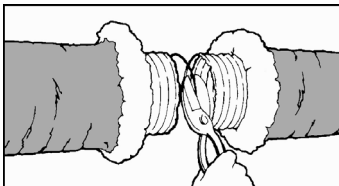
AIR DIFFUSION COUNCIL
1901 N. Roselle Road
Suite 800
Schaumburg, IL 60195
Tel. 847-706-6750
Fax 847-706-6751
www.flexibleduct.org

INSTALLATION INSTRUCTIONS

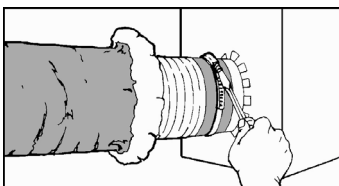
Air Ducts and Air Connectors Nonmetallic with Plain Ends

Connections - Using Tape & Fasteners

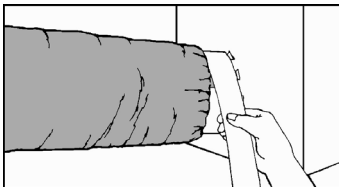
1. After desired length is determined, cut completely around and through duct with knife or scissors. Cut wire with wire cutters. Fold back jacket and insulation.



2. Slide at least 1" [25 mm] of core over fitting and past the bead. Seal core to collar with at least 2 wraps of duct tape. Secure connection with clamp placed over the core and tape and past the bead.

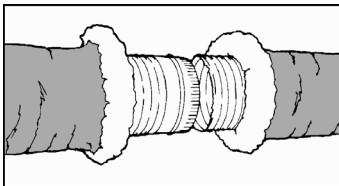


3. Pull jacket and insulation back over core. Tape jacket with at least 2 wraps of duct tape. A clamp may be used in place of or in combination with the duct tape.

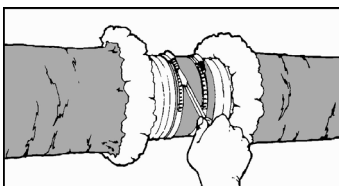


Splices - Using Tape & Fasteners

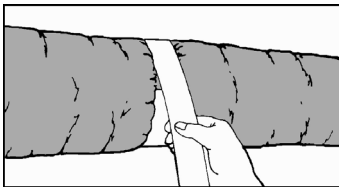
1. Fold back jacket and insulation from core. Butt two cores together on a 4" [100 mm] min. length metal sleeve.



2. Tape cores together with at least 2 wraps of duct tape. Secure connection with 2 clamps placed over the taped core ends and past the beads.



3. Pull jacket and insulation back over cores. Tape jackets together with at least 2 wraps of duct tape.



NOTES:

1. For uninsulated air ducts and air connectors, disregard references to insulation and jacket.
2. Use beaded sheet metal fittings and sleeves when using nonmetallic clamps.
3. Use tapes listed and labeled in accordance with Standard UL 181B and marked "181B-FX".
4. Nonmetallic clamps shall be listed and labeled in accordance with Standard UL 181B and marked "181B-C".
Use of nonmetallic clamps shall be limited to 6 in. w.g. [1500 Pa] positive pressure.

Copyright 2010, Air Diffusion Council

Tapes: Shall be listed and labeled in accordance with UL 181B and marked "UL 181B-FX". California Title 24 states "Joints & seams of duct systems shall not be sealed with cloth back rubber duct tapes unless such tape is used in combination with mastic and drawbands."

Clamps: Metal – 1/2" wide aluminum, stainless steel or galvanized steel.
Nonmetallic – shall be listed and labeled in accordance with UL 181B and marked "UL 181B-C"

Mastics: Shall be listed and labeled in accordance with UL 181B and marked "UL 181B-M". Instructions for installations using mastics are available at www.jpflex.com

Installed Length Restrictions: Air Duct – None
Air Connector – 14' Max



UL Files MH11637, MH12148

Fresno, CA • Denver, CO • Knoxville, TN • Lakeland, FL

